

DIELECTROPHORETIC DISPLAYS

Abstract

A dielectrophoretic display comprises a substrate having walls defining at least one cavity, the cavity having a viewing surface and a side wall inclined to the viewing surface; a suspending fluid contained within the cavity; a plurality of at least one type of particle suspended within the suspending fluid; and means for applying to the substrate an electric field effect effective to cause dielectrophoretic movement of the particles to the side wall of the cavity.